Serial Nr.: 10/653,990 03251UPL

Art Unit: 1792

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method for carbon nanotube emitter surface treatment, which

is used on a carbon nanotube electronic electronics source for increasing the number

of carbon nanotubes nanotube exposed on a triode structure or any other surface

structure of a carbon nanotube field emission display (CNT-FED), CNT-FED, then

the method can advance the current density and intensity of CNT emitter, the method

for carbon nanotube emitter surface treatment comprising the steps of:

coating an adhesive material on the surface of said CNT-FED;

heating said adhesive material for adhibitting the surface of said CNT-FED; and

removing impurities on the surface of said CNT-FED by lifting said adhesive

material off.

2. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 1, wherein said adhesive material is selected from the group

consisting of a hot melt glue, or a soluble material, an organic material, an inorganic

material and a strippable material.

3. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 1, wherein said adhesive material sticks on said carbon

nanotube electronic electronics source.

4. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 3, wherein said carbon nanotube electronic source is set

between a cathode plate and a gate existed in said triode structure.

10

Serial Nr.: 10/653,990 03251UPL

Art Unit: 1792

5. (Currently Amended) A method for carbon nanotube emitter surface treatment, which

is used on a carbon nanotube <u>electronic</u> electronics source for increasing the number

of carbon nanotubes nanotube exposed on a triode structure or any other surface

structure of a carbon nanotube field emission display (CNT-FED), CNT-FED, then

the method can advance the current density and intensity of CNT emitter, the method

for carbon nanotube emitter surface treatment comprising the steps of:

coating an activator on the surface of said CNT-FED;

coating an adhesive material on said activator;

pressing said adhesive material for adhibitting the surface; and

removing impurities on the surface of said CNT-FED by lifting said adhesive

material off.

6. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 5, wherein said activator is an interface activator, a [[,]]

surfactant or a release agent.

7. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 5, wherein said adhesive material is selected from the group

consisting of a hot melt glue, or a soluble material, an organic material, an inorganic

material and a strippable material.

8. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 5, wherein said step of pressing said adhesive material for

adhibitting the surface of said CNT-FED is achieved by a pressing machine.

9. (Currently Amended) The method for carbon nanotube emitter surface treatment as

Serial Nr.: 10/653,990 03251UPL

Art Unit: 1792

recited claimed in claim 5, wherein said adhesive material sticks on said carbon nanotube electronic electronics source.

10. (Currently Amended) The method for carbon nanotube emitter surface treatment as

recited claimed in claim 9, wherein said carbon nanotube electronic source is set

between a cathode plate and a gate existed in said triode structure.